# Installing ssh 1.2.27

ITOS Edition \$Date: 2006/03/21 16:07:24 \$

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## Installing and Configuring ssh 1.2.27

This describes how we install and configure ssh on ITOS computers. These instructions apply to Linux only.

## Obtaining ssh

```
Get 'ssh-1.2.27.tar.gz' and 'rsaref2.tgz' from a trusted site.
```

#### About our installation

In the following, \$DISTDIR is the directory containing the distribution tar files and \$WORKDIR is the directory where you're gonna build ssh.

## Installing ssh

#### On Solaris and FreeBSD

#### On Linux

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This created /etc/ssh\_host\_key; when restoring a dump to a different system be sure to delete /etc/ssh\_host\_key and re-create it via

```
# ssh-keygen -b 1024 -f /etc/ssh_host_key -N ''
Continuing the installation:
# cp /usr/local/sbin/sshd1 /usr/sbin
# ln -s /usr/sbin/sshd1 /usr/sbin/sshd
# cd /usr/bin
# mkdir insecure
# mv rsh rlogin rcp insecure
```

We also like to configure CDE to work with *ssh*. This involves editing '/usr/dt/bin/Xsession':

#### On FreeBSD ...

```
Edit '/etc/rc.local'. At the bottom of the file, add the line:

[-x /usr/sbin/sshd] && /usr/sbin/sshd && echo "sshd"
```

#### On Linux ...

```
Edit '/etc/rc.d/rc.sysinit'. At the bottom of the file, add the lines:
    # Start ssh daemon
    [ -x /usr/sbin/sshd ] && /usr/sbin/sshd && echo "sshd"

If necessary add a logical link for users shell.
    ln -s /bin/bash /usr/local/bin/bash
    ln -s /bin/bash2 /usr/local/bin/bash
```

## /etc/hosts.allow

The following applies to all operating systems . . .

We built ssh '--with-libwrap' which means that ssh will look at '/etc/hosts.deny' and '/etc/hosts.allow' as its first line of defense, and uses the daemon names sshd and

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sshdfwd-X11. To grant ssh access to machines, edit '/etc/hosts.allow' and add a line like:

sshd sshdfwd-X11: .nasa.gov trusted.machine.com trustme.too.com (Of course, don't literally add this line).

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